

### WHAT IS CLAIMED IS:

1. An urgent power-supply arrangement using cascaded wireless mobile devices comprising:

a first wireless mobile device having a load device and a battery device for supplying power to the load device; and

at least one second wireless mobile device powered by a battery device,

wherein the second wireless mobile device is electrically connected to the first mobile device such that the battery device of the first wireless mobile device is cascaded with the battery device of the second wireless mobile device for supplying power to the load device of the first wireless mobile device.

2. The urgent power-supply arrangement using cascaded wireless mobile devices as claimed in claim 1, wherein the at least one second wireless mobile device contains a plurality of wireless mobile devices having batteries cascaded together.

3. The urgent power-supply arrangement using cascaded wireless mobile devices as claimed in claim 1, further comprising a voltage stabilizer arranged between the load device and the battery device of the first wireless mobile device.

4. The urgent power-supply arrangement using cascaded wireless mobile devices as claimed in claim 3, wherein the voltage stabilizer is a zener diode.

5. The urgent power-supply arrangement using cascaded wireless mobile devices as claimed in claim 1, further comprising:

a switch device arranged between the load device and an electrode of the battery device of the first wireless mobile device;

a first and a second connectors connected to two terminals of the switch device, respectively, for electrically connecting the first wireless

5 mobile device to the at least one second wireless mobile device; and

a detecting device arranged between the first connector and the second connector for disconnecting the switch device when detecting an electrical connection of the first and second wireless mobile devices, and otherwise conducting the switch device.

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